

FIG. 1A PRIORITY ART

Total number of basic clocks: 62

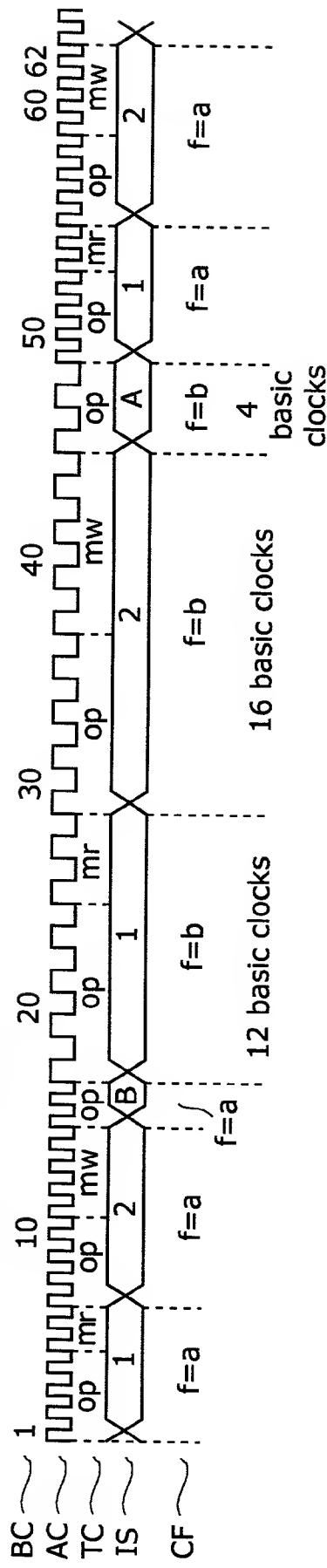


FIG. 1B

Total number of basic clocks: 52

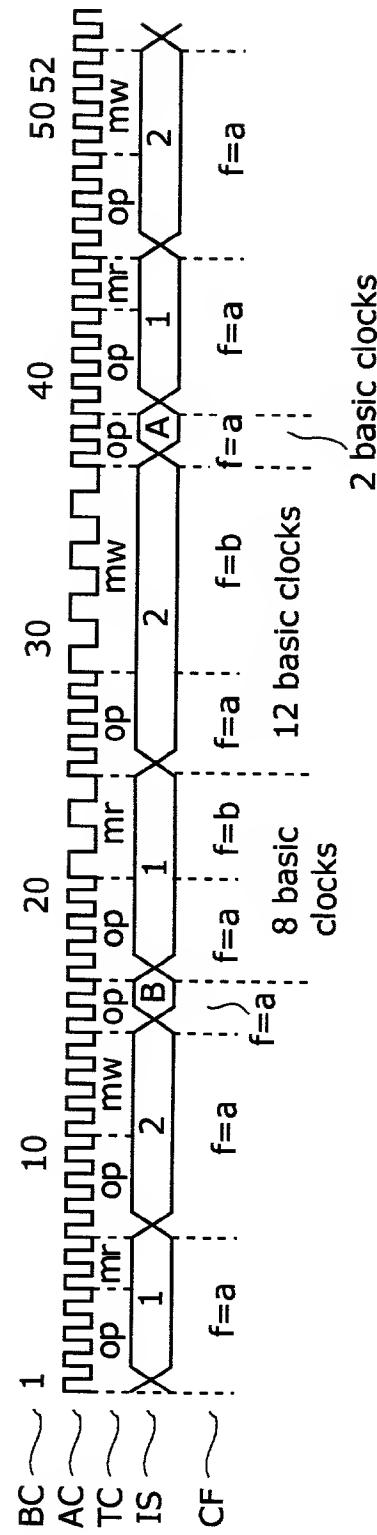


FIG. 2

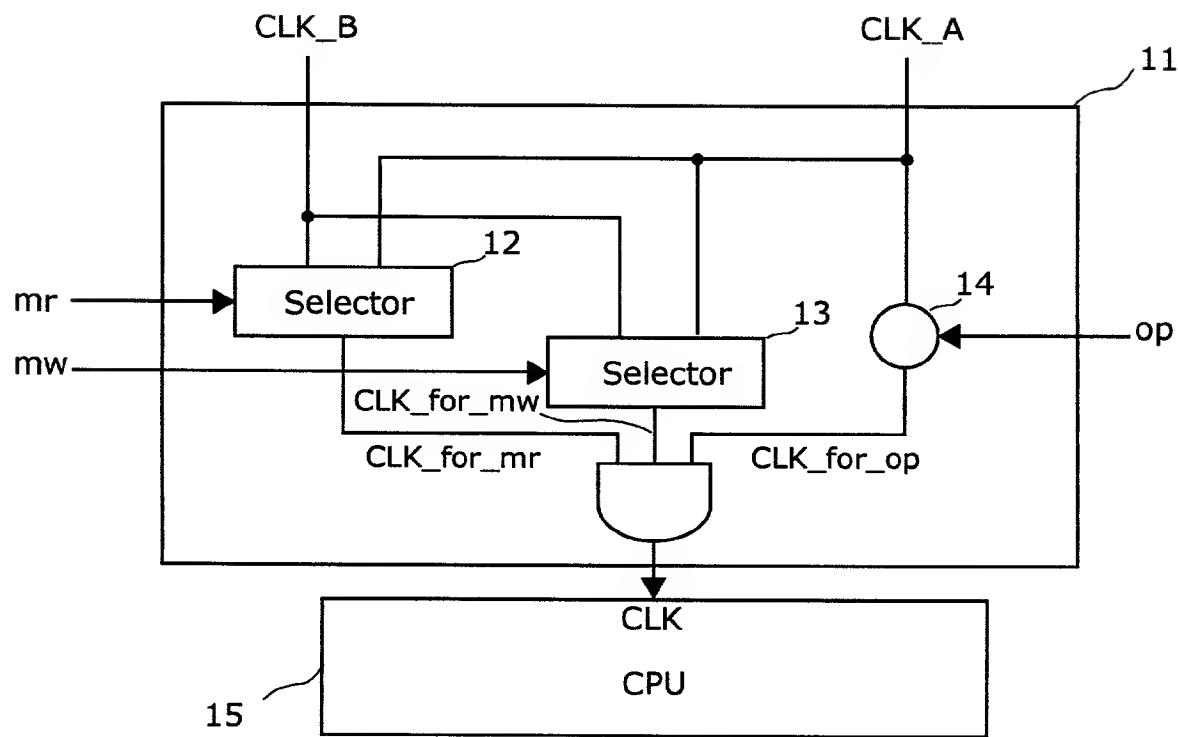


FIG. 3A

Instruction code	15	13	12	0
000		Block A	Block B	
001		CLK-a	CLK-a	
010		CLK-a	CLK-b	
011		CLK-b	CLK-a	
100		CLK-b	CLK-b	
101		CLK-c	CLK-c	
110		CLK-c	CLK-d	
111		CLK-d	CLK-c	
		CLK-d	CLK-d	

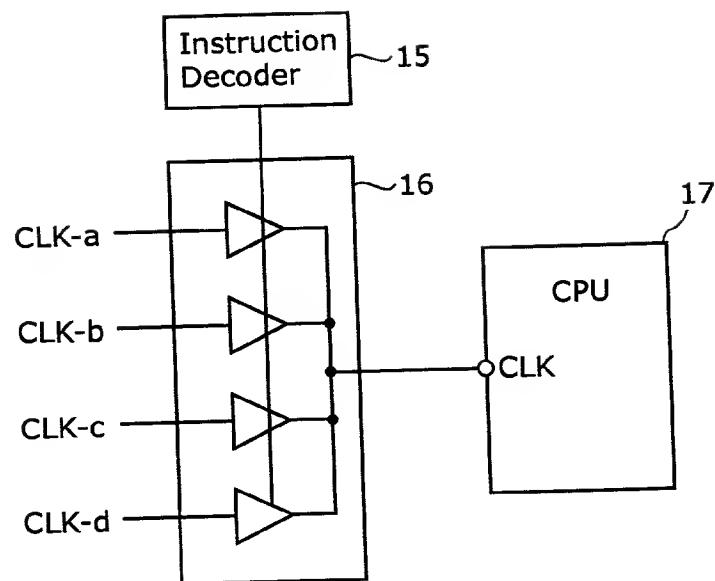
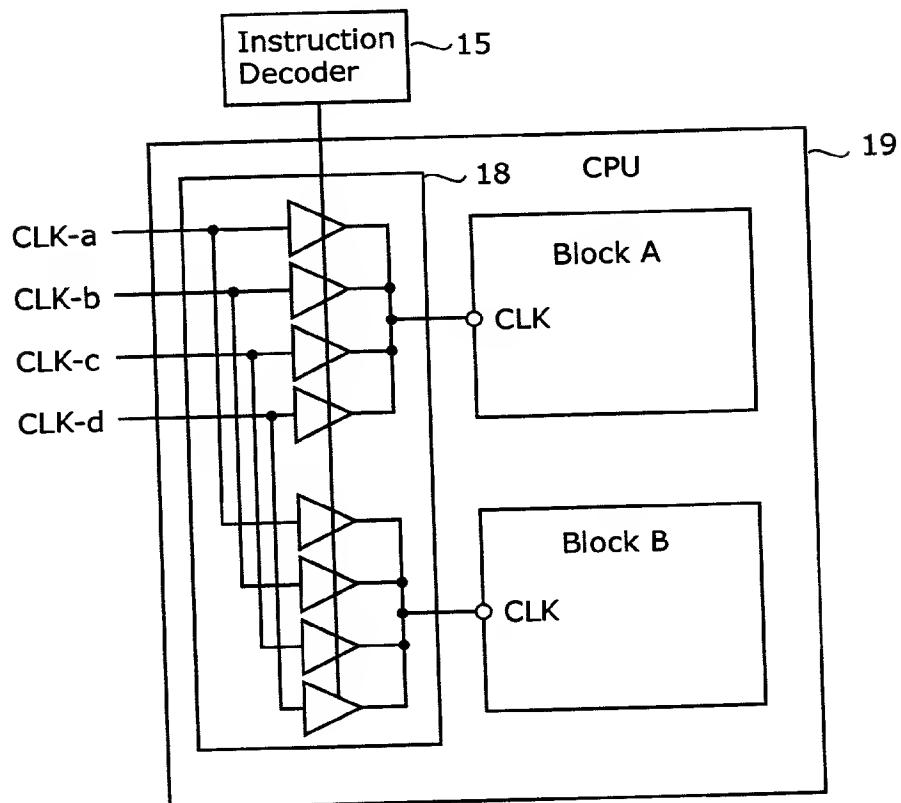
FIG. 3B**FIG. 3C**

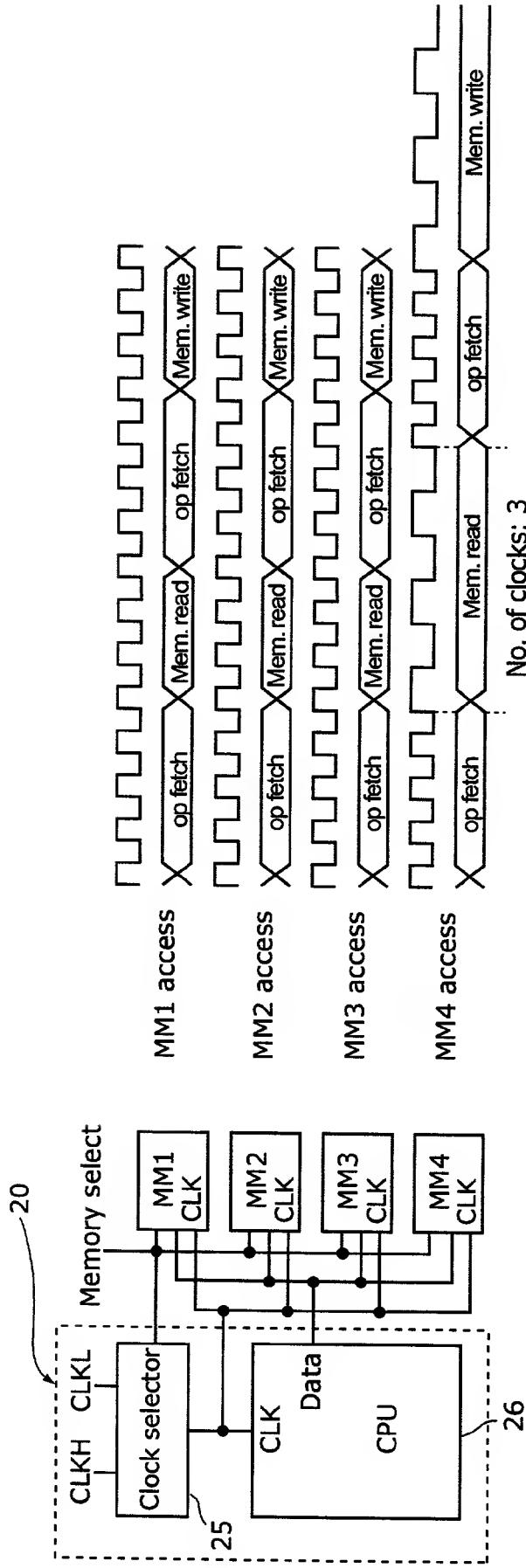
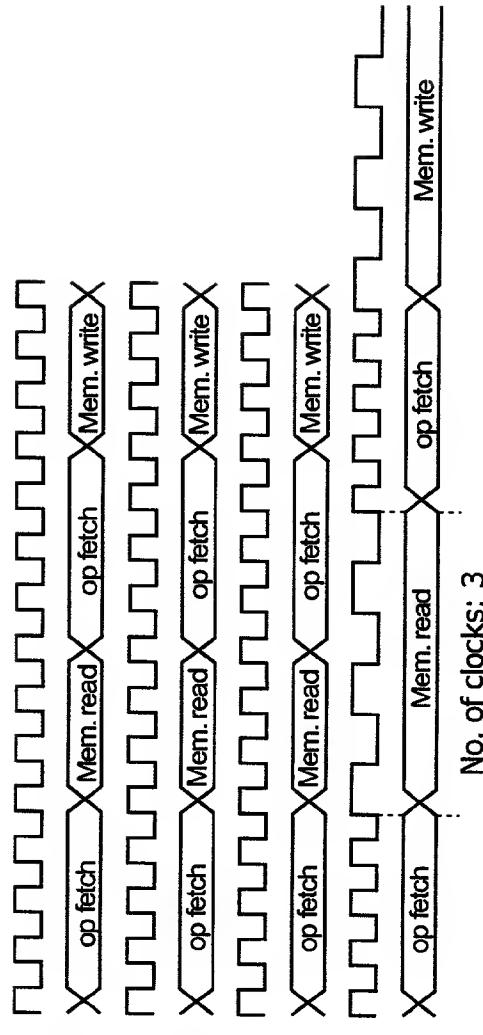
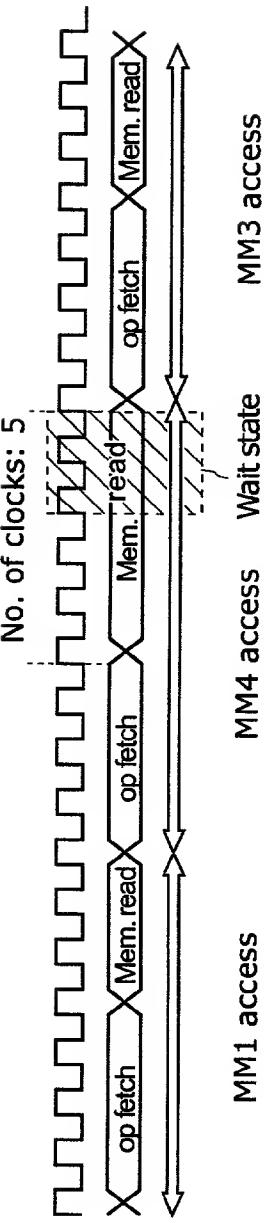
FIG. 4A**FIG. 4B****FIG. 4C****PRIOR ART**

FIG. 5

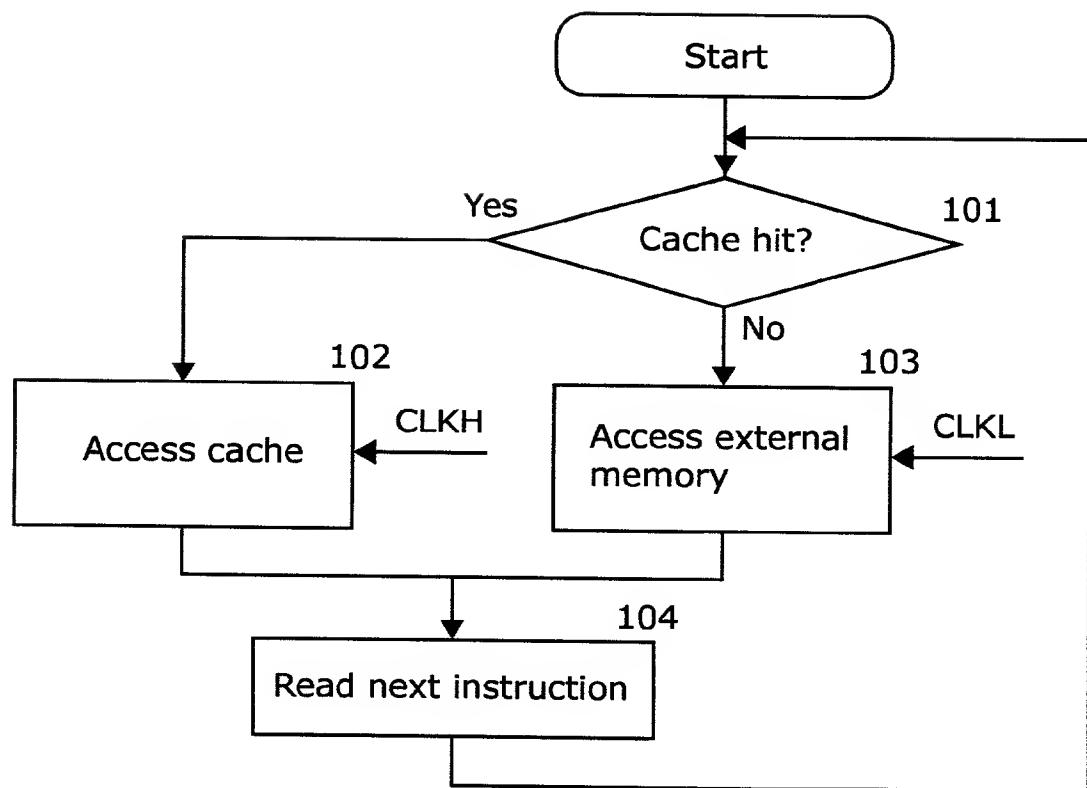


FIG. 6A PRIOR ART

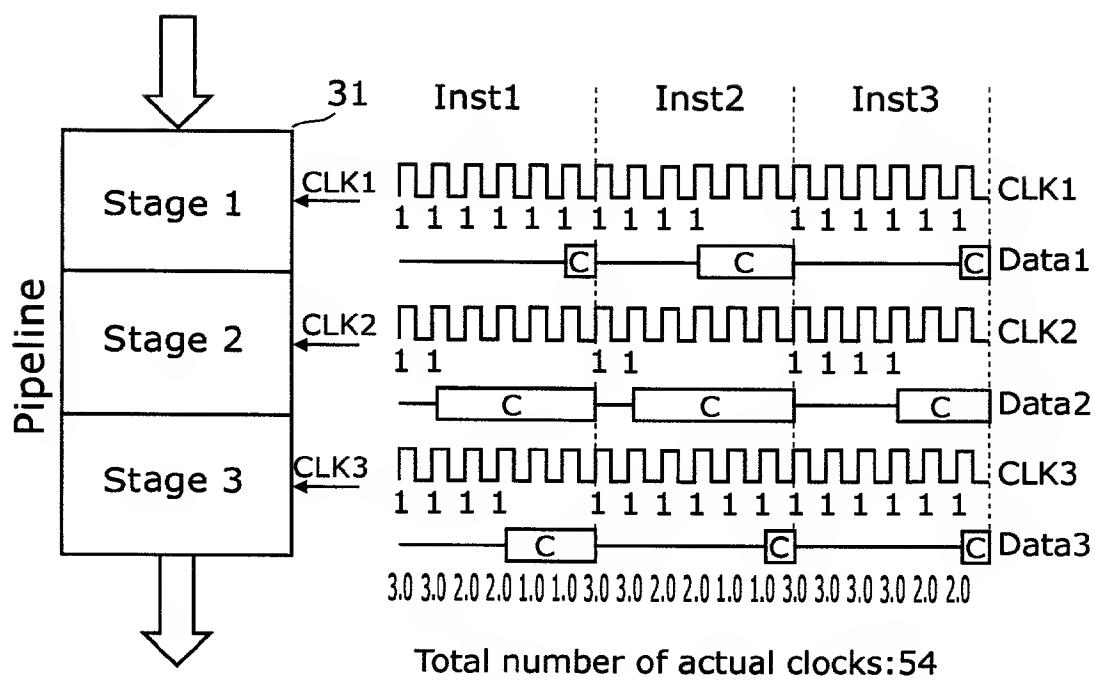


FIG. 6B

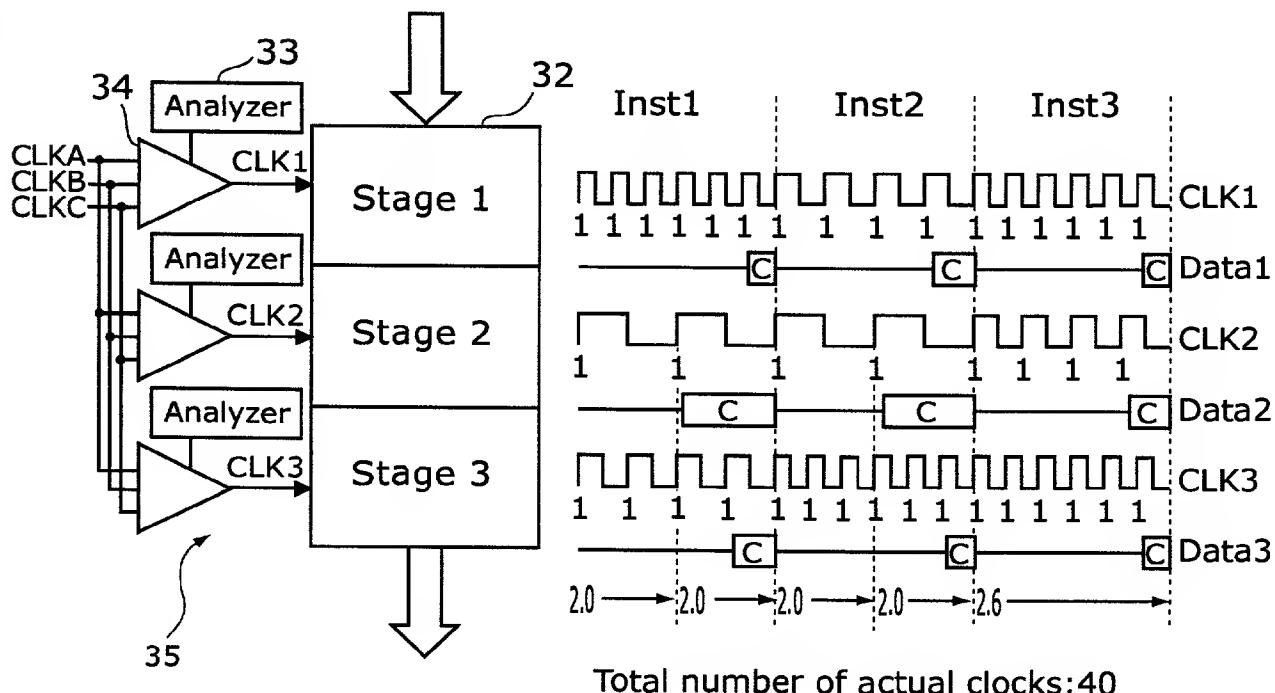


FIG. 7A

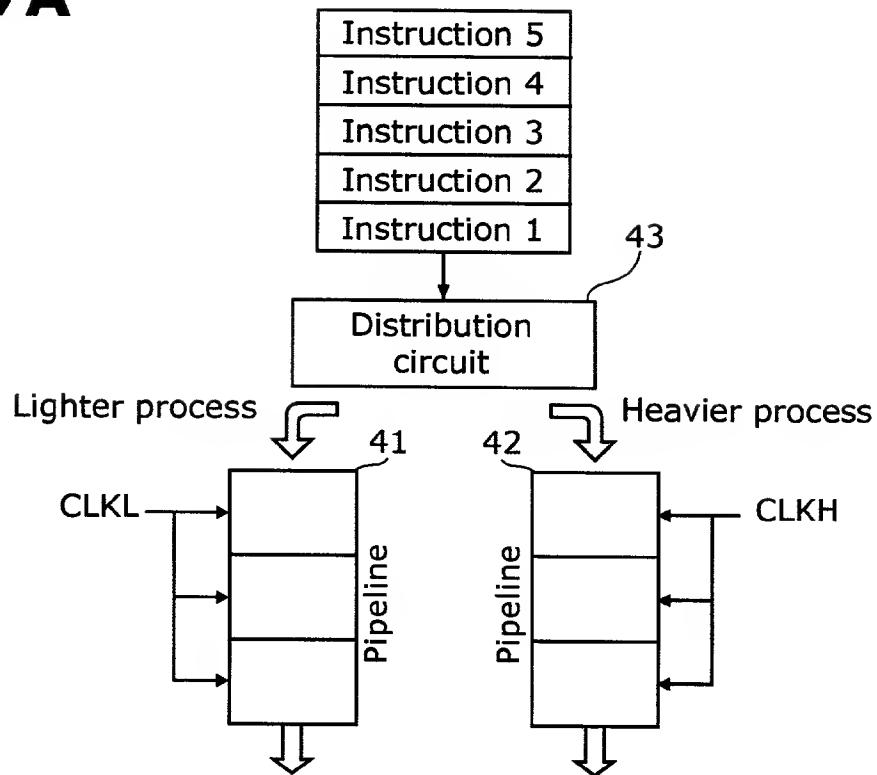


FIG. 7B

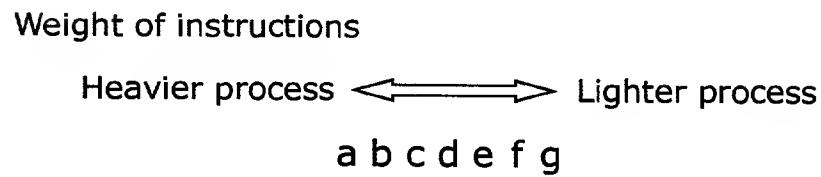


FIG. 7C

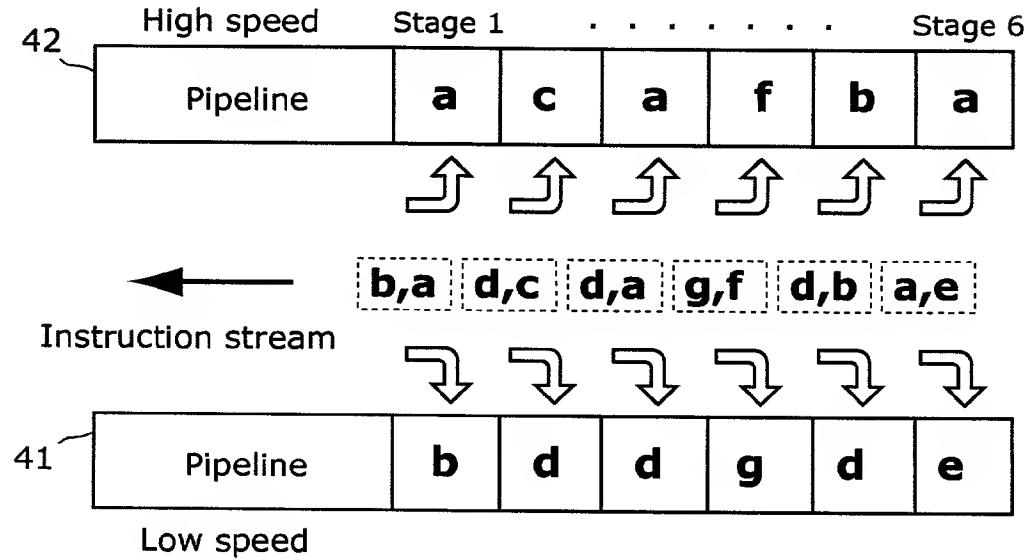


FIG. 8

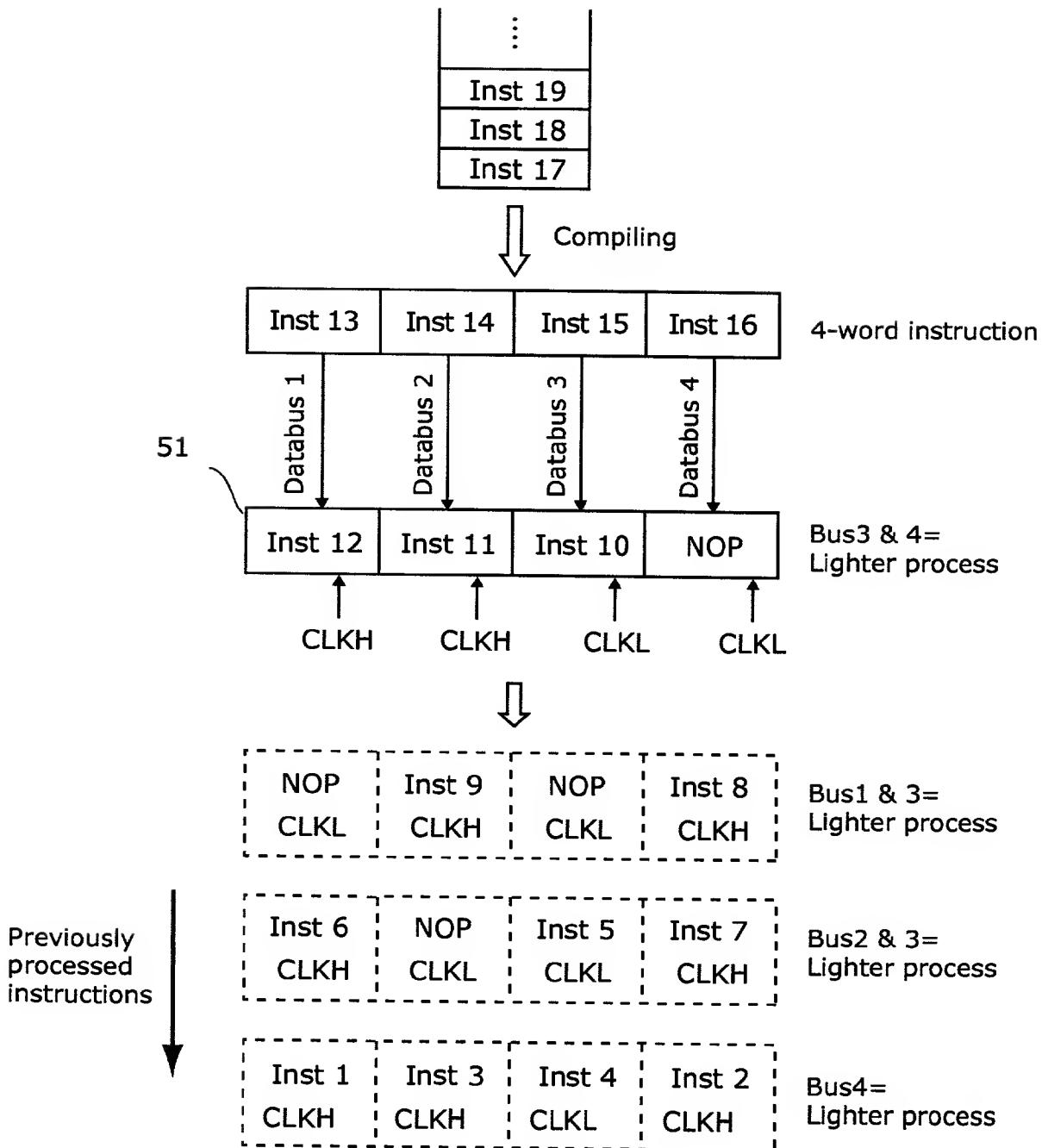


FIG. 9A PRIOR ART

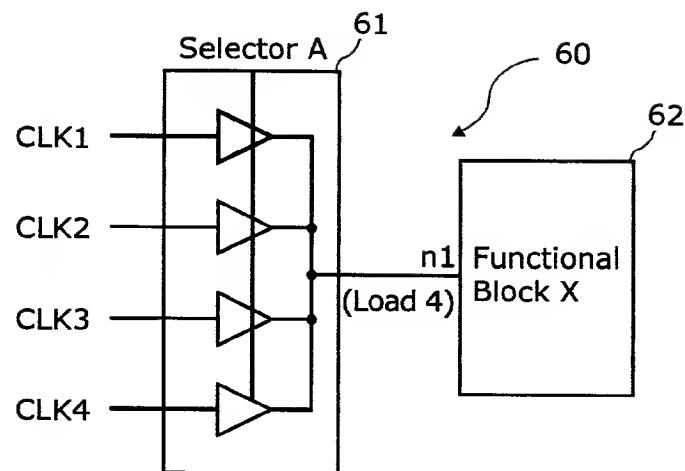


FIG. 9B

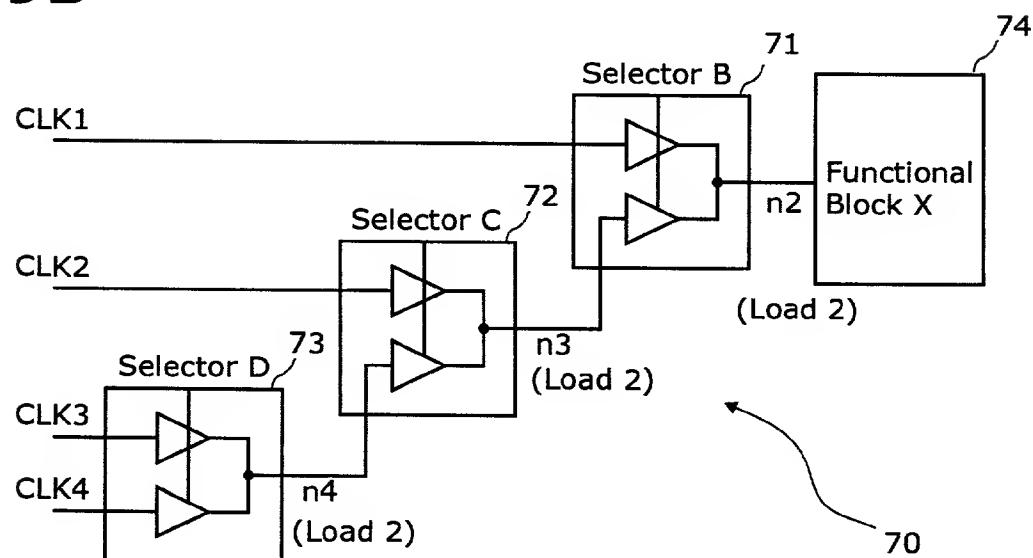


FIG. 9C

CLK Transition	CLK1	CLK2	CLK1	CLK2	CLK3
Clock selector block 60	4	4	4	4	4
Clock selector block 70	2	2	2	2	4

FIG. 10

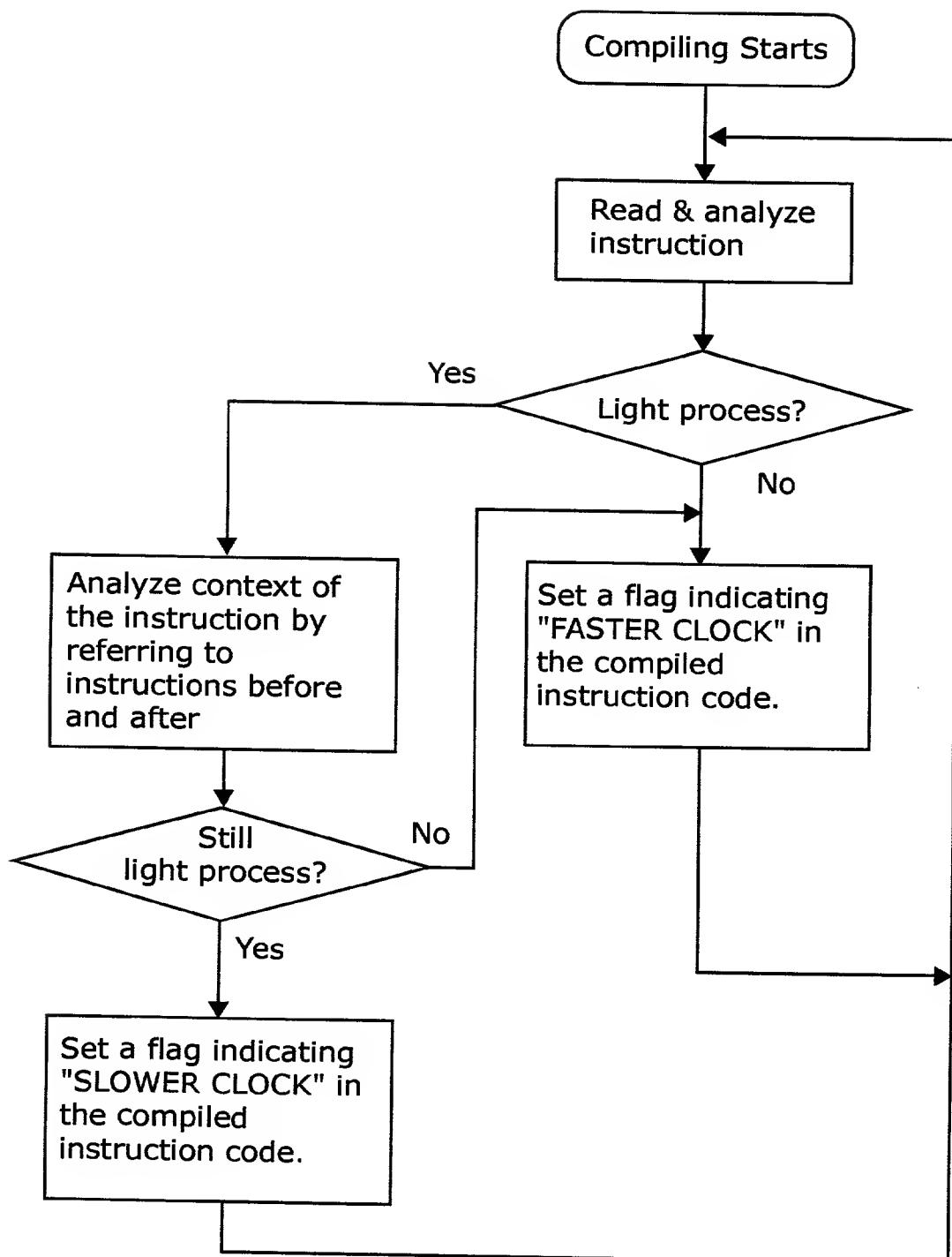


FIG. 11A PRIOR ART

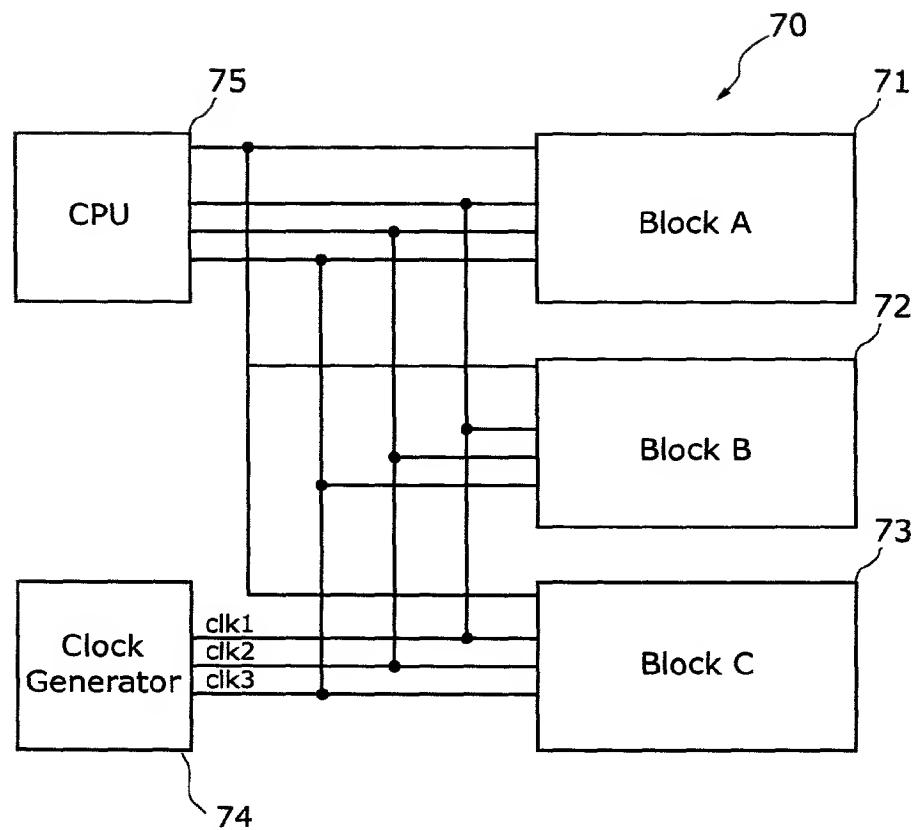


FIG. 11B PRIOR ART

Cycle	Block A	Block B	Block C
1	V		
2		V	
3	V		B
4	O	O	O
5		B	

V: Very active operation

O: Ordinarily operation

B: Barely noticeable operation